

Remarks

Applicant respectfully requests reconsideration of the rejection of the claims in view of the above amendments and the remarks set forth below. Claims 1-4, 6-11 and 13 remain in the application. Claims 1 and 8 are amended. Claims 5 and 12 are canceled. Claims 2-4, 6, 7, 9-11 and 13 remain unchanged.

35 U.S.C. §103

Claims 1-4, 6-11 and 13 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Chambers et al. (U.S. Patent No. 6,437,828) in view of Adams et al. (U.S. Patent No. 6,380,978). Under U.S.C. § 103, the prior art reference (or references when combined) must teach or suggest all of the claim limitations (MPEP § 706.02(j)).

Claim 1 is amended to recite “[a] method of displaying a standard definition television signal on a high definition matrix display, comprising the steps of...receiving the standard definition television signal to provide a received signal...sampling the received signal to provide a sampled digital video signal...deinterlacing the sampled digital video signal to provide a progressive line signal...doubling the progressive line signal to provide a predetermined number of active lines of video in a frame... and displaying the predetermined number of active lines of video on the high definition matrix display in a shortened vertical interval that compensates for the transmission of black lines transmitted at the top and bottom of the display.” Support for the amendment is found in canceled claim 5. The step of *“displaying the predetermined number of active lines of video on the high definition matrix display in a shortened vertical interval that compensates for the transmission of black lines transmitted at the top and bottom of the display”* is an important element of the claimed invention since it facilitates the display of a standard definition television signal on a high definition matrix display without significantly degrading the displayed picture.

As noted in the office action, Chambers et al. does not disclose “black lines transmitted at the top and bottom of the display.” Presumably Adams et al. also does not disclose “black lines transmitted at the top and bottom of the display” since Adams et al. was not cited as disclosing this feature. Applicant further respectfully proposes that it appears that neither

Chambers et al. nor Adams et al. disclose *“displaying the predetermined number of active lines of video on the high definition matrix display in a shortened vertical interval that compensates for the transmission of black lines transmitted at the top and bottom of the display.”*

Applicant notes that Official Notice was taken of providing black lines on the top and bottom of a display in the rejection of cancelled claim 5. It is unclear to the applicant if the official notice was intended to extend to the “shortened vertical interval” recited in original claims 1 and 5. To the extent that the Official Notice applies to the *“displaying the predetermined number of active lines of video on the high definition matrix display in a shortened vertical interval that compensates for the transmission of black lines transmitted at the top and bottom of the display”* limitation recited in amended claim 1, applicant respectfully traverses the Official Notice that the claimed limitation is “well-known” in the art and applicant respectfully request that reference(s) be provided supporting the Official Notice of the claimed limitation.

For all of the above reasons, applicant respectfully proposes that amended claim 1 is allowable over the cited references. Claims 2-4, 6 and 7, which depend from amended claim 1 or depend from claims depending from amended claim 1, should therefore also be allowable for the same reasons, as well as for the additional recitation contained therein. Applicant respectfully requests reconsideration of the rejection of the claims in view of the above remarks.

Independent claim 8 is amended to include elements similar to the elements of amended independent claim 1 and should therefore be allowable for the same reasons discussed above as well as for the additional recitations contained therein. Therefore, it is respectfully proposed that the rejection for anticipation is overcome. Claims 9-11 and 13 being dependent on and further limiting independent claim 8, should be allowable for that reason, as well as for the additional recitations contained therein. Applicant respectfully requests reconsideration of the rejection of the claims in view of the above remarks.

Having fully addressed the Examiner’s rejections it is believed that, in view of the preceding remarks, this application stands in condition for allowance. Accordingly then, reconsideration and allowance are respectfully solicited. If, however, the Examiner is of the

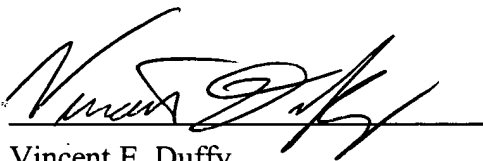
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opinion that such action cannot be taken, the Examiner is invited to contact the applicant's attorney at (317) 587-4019, so that a mutually convenient date and time for a telephonic interview may be scheduled.

No fees, other than those discussed above, are believed due. However, if a fee is due, please charge the additional fee to Deposit Account 07-0832.

Respectfully submitted,



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Patent Operations

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CERTIFICATE OF MAILING

I hereby certify that this amendment is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

2/24/05
date


Vincent E. Duffy